

AN 77-21093Y [12] WPIDS
TI Fermentative prepn. of dicarboxylic acids - using *Torulopsis candida*
yeast.
DC D16 E19 H04
PA (MITC) MITSUI PETROCHEM KK
CYC 1
PI JP 52018885 A 770212 (7712)* <--
JP 56008595 B 810224 (8112)
PRAI JP 75-95053 750806
IC C12D001-02; C12P007-44; C12R001-88
AB JP52018885 A UPAB: 930901
Dicarboxylic acids are produced by aerobically culturing *Torulopsis*
yeast in culture medium contg. hydrocarbon.
The parent stock yeast is *Torulopsis candida* Mt-99 Selective
varieties such as MT 1028 and MT 1029 can be obtd. from the parent
stock by natural or artificial mutation.
The culture medium is composed of ca. 1-40% of hydrocarbon
(n-paraffin wtc) nitrogen source, inorganic salts and, as required
other nutrients. Culturing is at 20-35 degrees C at pH 3-9 with
shaking or aeration. By this method the yield of objective
dicarboxylic acid is high with little formation of by produced
dicarboxylic acids i.e. good selectivity.
FS CPI
FA AB
MC CPI: D05-C09; E10-C02; H04-E02